

Title (en)  
WIRE FOR GAS SHIELD ARC WELDING

Title (de)  
DRAHT ZUM SCHUTZGASLICHTBOGENSCHWEISSEN

Title (fr)  
FIL POUR SOUDAGE À L'ARC SOUS PROTECTION GAZEUSE

Publication  
**EP 3037205 A1 20160629 (EN)**

Application  
**EP 15003406 A 20151130**

Priority  
• JP 2014263700 A 20141225  
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Abstract (en)  
Provided is a wire for gas shield arc welding that produces sound weld zones without causing hot cracking during welding, while exhibiting excellent creep strength and toughness after PWHIT. The wire for gas shield arc welding in the present invention contains C, Si, Mn, S, Cr, Mo, V, Nb, and N in respective predetermined contents, in which the content of each of Ni, P, Cu, Al, B, and O is restricted to a predetermined content, with the balance being Fe and inevitable impurities, a total of the Mn content and the Ni content is set at 0.60 to 1.15%, and a ratio of the Mn content to the S content is 87 or more.

IPC 8 full level  
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Designated contracting state (EPC)  
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